

References

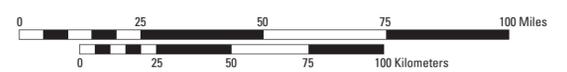
Harrill, J.R., Gates, J.S., and Thomas, J.M., 1988, Major ground-water flow systems in the Great Basin region of Nevada, Utah, and adjacent states: U.S. Geological Survey Hydrologic Investigations Atlas HA-694-C, 2 sheets, 1:1,000,000 scale.

Harrill, J.R., and Prudic, D.E., 1998, Aquifer systems in the Great Basin region of Nevada, Utah, and adjacent states—Summary Report: U.S. Geological Survey Professional Paper 1409-A, 66 p.

Base from U.S. Census Bureau, 2000
Hydrographic areas and flow systems from USGS 1:1,000,000-scale digital data
Stream-gage locations from U.S. Geological Survey National Water Information System
Albers Equal Area Conic Projection, Central Meridian -114°, Standard Parallels at 29.5° and 45.5°, Latitude of Origin 23°, North American Datum 1983

EXPLANATION

- Area without control point data and where the locations of water-table contours are uncertain
- Groundwater flow systems**—Based on systems defined by Harrill and others (1988) and Harrill and Prudic (1998). Flow system number in parentheses
 - Colorado System (34)
 - Death Valley System (28)
 - Diamond Valley System (27)
 - Goshute Valley System (35)
 - Grass Valley (25)
 - Great Salt Lake Desert System (37)
 - Great Salt Lake System (38)
 - Humboldt System (7)
 - Independence Valley System (32)
 - Mesquite Valley (36)
 - Monte Cristo Valley (23)
 - Newark Valley System (29)
 - Northern Big Smoky Valley (26)
 - Railroad Valley System (30)
 - Ruby Valley System (33)
 - Sevier Lake System (39)
 - South-Central Marshes (24)
- Hydrographic area boundary and relative likelihood of hydraulic connection across boundary, based on geology**
 - Uncertain
 - Low
 - High
- Water-level contour**—Shows approximate altitude of water-level surface. Contour interval is 500 feet. Purple contours represent lowest water-level altitudes; red contours represent highest water-level altitudes
- Control point source**
 - Well
 - Gaged perennial stream
 - Spring



Potentiometric-Surface Map and Likelihood of Hydraulic Connections Across Hydrographic Area Boundaries of the Great Basin Carbonate and Alluvial Aquifer System Study Area

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Heilweil, V.M., and Brooks, L.E., eds., 2011, Conceptual model of the Great Basin carbonate and alluvial aquifer system: U.S. Geological Survey Scientific Investigations Report 2010-5193, 188 p.